



REGISTRATION NUMBER: 2018/110720/07

18 February 2019

South African Heritage Resource Agency
P.O. Box 4637
Cape Town
8000

Dear Ms. R. Redelstorff

NOTICE OF THE PROPOSED ESTABLISHMENT OF AN EMULSION PLANT AND A DIESEL DEPOT ON A PORTION OF SMALL HOLDING 3, QUAGGAFONTEIN, BLOEMFONTEIN, FREE STATE.

Notice is given of an application for Environmental Authorisation ("EA") in terms of the 2014 Environmental Impact Assessment Regulations as amended under the National Environmental Management Act (Act 107 of 1998) ("NEMA"), for the establishment of an emulsion plant and a diesel depot on a portion of Small Holding 3, Quaggafontein, Bloemfontein, Free State ("Property"). The establishment of an emulsion plant is scheduled as a Macadam preparation process that also needs an Atmospheric Emission License ("AEL") in terms of the National Environmental Management Air Quality Act (Act 39 of 2004) ("NEM:AQA").

This notification provides stakeholders and / or identified Interested and Affected Parties ("I&AP") with the opportunity to comment on the proposed project and to indicate their interest.

Related Activities

The following activities will be applied for:

GN. R. 893 of the NEM: AQA 2013 Regulations:

- Category 5: Mineral Processing, Storage and Handling, Subcategory 5.10: Macadam Preparation - *"Permanent facilities used for mixtures of aggregate; tar or bitumen to produce road-surfacing materials."*

GN. R. 325 of the NEMA 2014 Regulations as amended:

- Activity 4 – *“The development and related operation of facilities or infrastructure, for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of more than 500 cubic metres.”*
- Activity 6 – *“The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent”.*

Project Description:

- Turn180 Environmental Consultants was appointed by the applicant (i.e. South African Road Binders Pty (Ltd.)) as Environmental Assessment Practitioner to manage the required authorisation processes on their behalf.
- Applications will be submitted to the Department of Economic, Small Business Development, Tourism and Environmental Affairs (“**DESTEA**”) to obtain EA and to the Mangaung Metro Municipality to obtain an AEL.

The development will entail the establishment of an emulsion plant. Bitumen emulsion that is produced during the operational phase of the proposed plant will be sold commercially to be used in projects involving the construction and repair of roads. The basic operation of the plant includes mixing heated raw bitumen with water, emulsifiers, chemicals and additives in a colloid mill. The product is then stored in cold storage tanks, ready to be sold. The emulsion plant will have the capacity to store between 800 and 900 tons of dangerous goods.

Furthermore, the development will also entail the establishment of a diesel depot. The diesel depot will have the capacity to store 46 000 L (2×23 000 L) diesel. This diesel will be sold commercially, as well as be used for the machines on site, which will lower costs.

Locality:

The development will involve a portion of Small Holding 3, Quaggafontein, Bloemfontein, Free State at the following coordinates:

29° 7'51.34"S and 26° 9'21.22"E

Please refer to the map attached hereto (Figure 1) for an indication on the location of the proposed activities.

Property and Proposed Site Description:

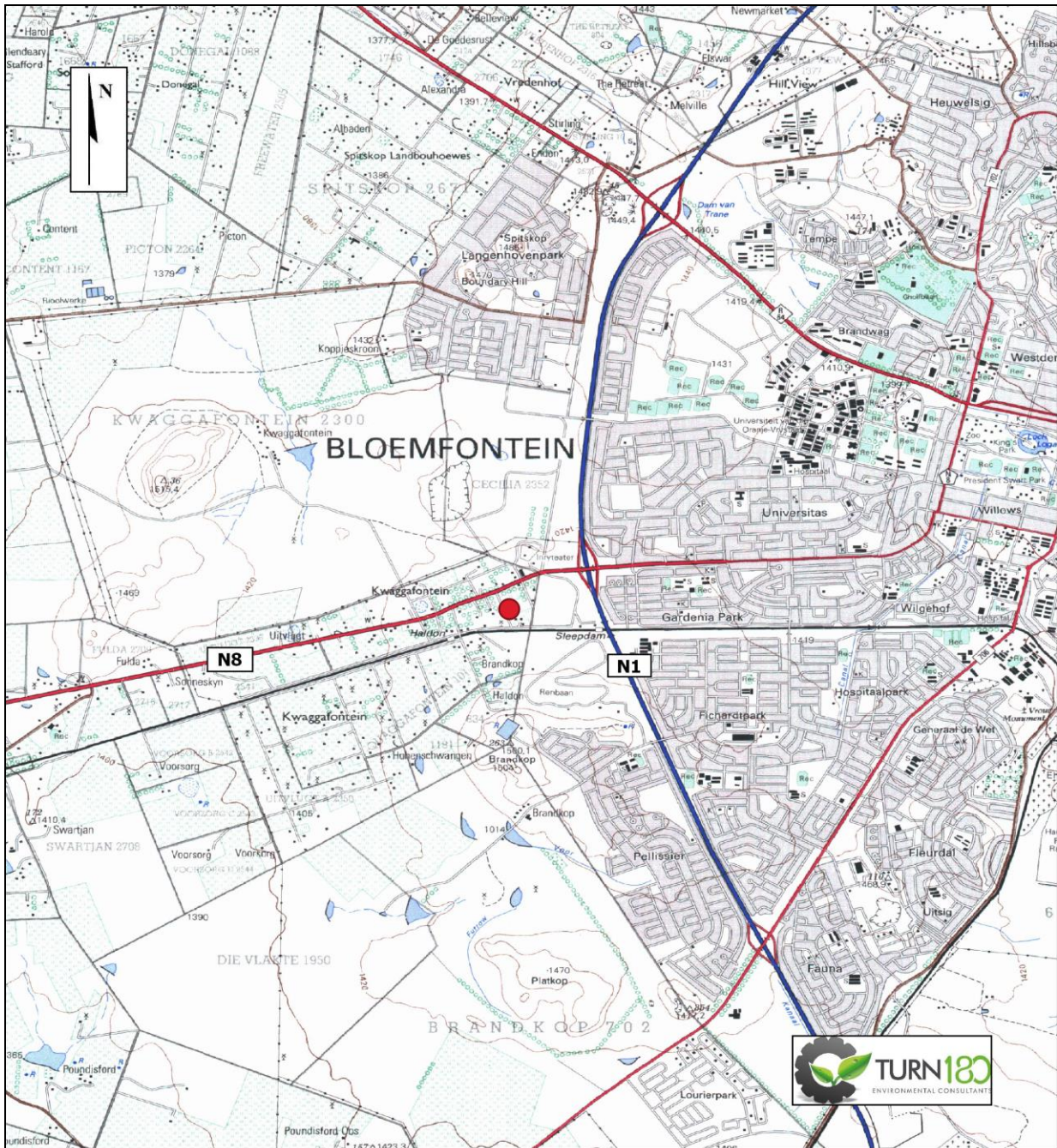
- The property has a footprint of 4.28 ha. The emulsion plant will have an approximate footprint of 0.722 ha. The proposed site is bare of any vegetation due to existing development on the property.
- The property is zoned as “Special Use 94”. This zoning does not make provision for establishing an emulsion plant on the property. The applicant will apply for the property to be rezoned.
- The property is not located close to any watercourses and/or sensitive environmental features. The biodiversity status of the site is degraded as per the Free State Biodiversity Management Plan. However, the property is located approximately 140 m from a railway line.

Potential Impacts of Proposed Project and Mitigation Measures:

- Contamination of soil and groundwater resources may occur. However, potentially hazardous substances will be stored inside a bunded area with an impermeable surface which has the capacity to store more than 110% of the volume of the substance.
- The emulsion plant and diesel depot may have a negative aesthetic impact. The site will always be kept clean and neat through correct housekeeping and waste disposal.
- Activities at the plant may lead to noise and dust generation. Appropriate measures will be taken to minimize this. Activities will only take place during daylight working hours and appropriate dust suppression measures will be implemented. Air emissions from the plant will comply with NEM:AQA.
- It is not expected that there is any cultural heritage objects or sites and/or paleontological remains present on the property. A Heritage and Paleontological Impact Assessment will be conducted as part of the EIA process.
- The proposed project will have a positive impact on the socio-economic structure of the area, as jobs may be provided to local people.

Invitation to participate

You are requested to send any issues and/or concerns regarding the proposed projects to Turn 180 Environmental Consultants at Suite 221, Private Bag X01, Brandhof, 9324 or 072 873 6665 (T) or 072 967 7962/072 838 8189 (C) or ansune@turn180.co.za / admin@turn180.co.za (e-mail) before 20 March 2019.




MAP INDICATING THE LOCALITY OF THE PROPOSED SITE FOR THE ESTABLISHMENT OF AN EMULSION PLANT AND DIESEL DEPOT ON A PORTION OF SMALL HOLDING 3, QUAGGAFONTEIN, BLOEMFONTEIN, FREE STATE.

APPLICANT:
TAU-PELE CONSTRUCTION (PTY) LTD

CONSULTANT:
TURN 180 ENVIRONMENTAL CONSULTANTS
SUITE 221, P/BAG X01, BRANDHOF, 9324
072 967 7962/072 873 6665 (T)
ANSUNE@TURN180.CO.ZA/
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SITE INFORMATION:
 Coordinates:
 29° 7'51.34"S and 26° 9'21.22"E
 Site footprint - 4.28 ha

MAP INFORMATION:
 1:50 000 Topo Map - 2926AA and AB
 Coordinate System - WG84
 Scale - 1:30 000
 Date - January 2019

Legend
 Site

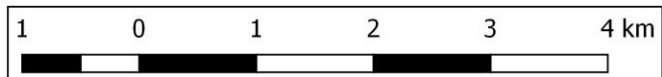


Figure 1: Locality map for the proposed project